

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB 03/02520

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B29C47/92 B29D30/16 B29D30/30

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 B29C B29D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DATABASE WPI Week 9918 Derwent Publications Ltd., London, GB; AN 1999-209566 XP002271308 -& JP 11 048363 A (YOKOHAMA RUBBER), 23 February 1999 (1999-02-23)	1
A	abstract; figures 1-4 ---	2-16
X	US 5 156 781 A (CHAPLIN GREGORY D ET AL) 20 October 1992 (1992-10-20)	1,2
A	column 12, line 4 - line 23; figures 2,6,10 --- -/--	3-16

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

\*A\* document defining the general state of the art which is not considered to be of particular relevance

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\*O\* document referring to an oral disclosure, use, exhibition or other means

\*P\* document published prior to the international filing date but later than the priority date claimed

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\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

24 February 2004

Date of mailing of the international search report

11/03/2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	EP 1 211 050 A (BRIDGESTONE CORP) 5 June 2002 (2002-06-05)  column 7, paragraph 39; figure 1 -----	1,2  3-16

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
JP 11048363	A	23-02-1999	NONE	
US 5156781	A	20-10-1992	DE 69124788 D1 DE 69124788 T2 EP 0492425 A1 ES 2098308 T3 JP 3268804 B2 JP 5116200 A US 5267847 A	03-04-1997 12-06-1997 01-07-1992 01-05-1997 25-03-2002 14-05-1993 07-12-1993
EP 1211050	A	05-06-2002	JP 2002160284 A EP 1211050 A2 US 2002089077 A1	04-06-2002 05-06-2002 11-07-2002